



COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION
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ASSATEAGUE CHANNEL AND OYSTER BAY

(Formerly called CHINCOTEAGUE AND ASSATEAGUE ISLANDS - NORTH OF ROUTE 2113)

Growing Area # 102

(Formerly called Growing Area # 101A)

Accomack County Shoreline Sanitary Survey

Date: 28 February 2001

Survey Period: February 29, 2000 – January 19, 2001

Total Number of Properties Surveyed: 1241

Surveyed By: R.S. Bisker, J.W. Hume and P.H. Widgen

SECTION A: GENERAL

This survey area extends from Reference Point 101A at the end of U. S. Government Road (at Assateague Island Visitors Center) extended to the Atlantic Ocean and back along the north side of U. S. Government Road (Route 2113 – Maddox Boulevard), continuing around the shoreline of all the islands and the area west and north of this point in a counter clockwise direction to Reference Point 99 at the north side of the west end of the bridge over Black Narrows on Route 175, including the Atlantic Ocean shoreline to the Maryland state line, Toby Island Bay, Virginia Creek, Calpen Bay, The Will Hole, Green Back Bay, Cherrytree Hill Bay, Peach Creek, Smith Bay, Assateague Channel, Janey's Creek, Sheepshead Creek, Eel Creek, Little Oyster Bay, Deep Hole Creek, Oyster Bay, Little Morris Island Creek, Morris Island Creek, Hairy Head Pond, East Gut, Wildcat Gut, Sign Gut, Harmon Cove, Little Harmon Cove, Booths Bay, Archie Cove, Blake Cove, Black Narrows, Chincoteague Channel, Chincoteague Bay, and all of their tributaries. Due to the number of dwellings in this area this report encompasses only half of the Chincoteague and Assateague Islands. The other half of the survey report was issued on May 4, 2000.

The topography of this area is generally low and somewhat marshy with maximum elevations of 5' on Chincoteague Island and 10' on Assateague Island. Occasional flooding occurs in the low-lying and poorly drained areas during storms and unusually high tides. The population on Chincoteague is very dense throughout the island. Assateague is sparsely populated, because of the wildlife refuge. The population increases dramatically during the summer tourist season, especially during the middle of July when pony penning occurs. The economy is based primarily on tourism with some seafood harvesting and processing.

Meteorological data indicated that a total of 34.55" of rain fell during the survey period. A monthly breakdown of rainfall is as follows:

February 29, 2000	0.0"	June	4.14"	October	0.01"
March	4.84"	July	5.24"	November	1.01"
April	4.28"	August	5.32"	December	1.78"
May	3.03"	September	3.69"	January 1-19, 2001	1.21"

The sewage disposal systems serving residential and commercial properties on Chincoteague Island are cesspools or septic tanks with drainfields. The cesspools are pumped out periodically by private contractors and the sludge is taken to a sewage treatment works (STW) located on the mainland. Assateague Island uses several portable and vault privies for its sewage disposal. There are two campgrounds in this survey area (Barney's and Pine Grove) and both were found to be in satisfactory condition at time of inspection.

Copies of bacteriological, hydrographical, and shellfish closure data are available at the area field office for review. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

Information in this report is gathered by and primarily for use of the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data is made available to various agencies participating in shellfish program coordinated activities and other interested parties.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Sections B.2. and B.3. and the Department of Environmental Quality for possible action at properties listed on the summary page in Sections B.1., C.1. and C.2. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. "***DIRECT***" indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent resurvey of the area.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

42. Oyster Bay Community, North Main Street, Chincoteague 23336. No contact. This facility is designed to serve 12 dwellings, but there are 14 dwellings currently connected. Treatment consists of an ammoniation chamber with a subsurface drainfield, which appeared to be in satisfactory condition at time of inspection.
51. ***DIRECT*** – Comfort Inn Suites STW (Walter Thompson), 4195 Main St., Chincoteague 23336. Population served 125 guests. Design flow 0.009MGD. VPDES Permit # VA0089265. Treatment consists of a duplex submersible grinder pump station, comminutor/bar screens, equalization tank, extended aeration, aerated sludge holding tank, sedimentation, filtration, backwash clearwell, chlorination, and dechlorination and discharges to the Chincoteague Channel, with final discharge to the Atlantic Ocean. The most recent OWP/DEQ inspection report is attached.

ONSITE SEWAGE DEFICIENCIES

1. NO FACILITIES, ***DIRECT*** – Location: 5457 Deep Hole Road, Chincoteague 23336. Dwelling - tan frame 1 story on pilings over tidal waters. No contact. Sanitary Notice issued 6-26-00 to field # A13.

2. NO FACILITIES, ***DIRECT*** – Location: Chincoteague 23336. Dwelling - white vinyl siding and red frame 1 story on pilings over marsh. No contact. Sanitary Notice issued 6-26-00 to field # A10.
3. NO FACILITIES, ***DIRECT*** – Location: Chincoteague 23336. Dwelling - cream frame 1 story on pilings over marsh. No contact. Sanitary Notice issued 6-26-00 to field # A9.
4. CONTRIBUTES POLLUTION, ***DIRECT*** - Location: 5191 Main Street, Chincoteague 23336. Dwelling - white clapboard siding 1 story on pilings over tidal waters. No contact. Surface privy in marsh. Sanitary Notice issued 6-26-00 to field # A8.
5. CONTRIBUTES POLLUTION, ***DIRECT*** – Location: 6236 Poplar Street, Chincoteague 23336. Dwelling - brown frame 1 story with red shutters on pilings over tidal waters. No contact. Outside toilet enclosure with commode seat over a 5 gallon bucket. Sanitary Notice issued 6-26-00 to field # A7.
6. CONTRIBUTES POLLUTION, ***DIRECT*** – Occupant: Redeye Gun Club, Chincoteague 23336. Owner: 5191 Main Street, Chincoteague. Dwelling - natural T-111 sided 1 story with white trim on pilings over marsh. No contact. Privy located over marsh. Sanitary Notice issued 6-26-00 to field # A6.
7. NO FACILITIES, ***DIRECT*** – Location: Chincoteague 23336. Dwelling - gray frame 1 story on pilings over marsh. No contact. Sanitary Notice issued 6-26-00 to field # A5.
8. CONTRIBUTES POLLUTION, ***DIRECT*** – Location: 3510 Accomac Street, Chincoteague 23336. Dwelling - brown T-111 sided 1 story on pilings over marsh. No contact. Privy located over marsh. Sanitary Notice issued 6-26-00 to field # A3.
9. CONTRIBUTES POLLUTION, ***DIRECT*** – Occupant: Popes Island Gun Club, Chincoteague 23336. Owner: 3556 Main Street, Chincoteague. Dwelling - green asbestos siding 1 story with white trim. No contact. Unapproved plywood lid over cesspool. Sanitary Notice issued 6-26-00 to field # A2.
10. NO FACILITIES, ***DIRECT*** – Location: Chincoteague 23336. Dwelling - white frame 1 story with a brown roof on pilings over tidal waters. No contact. Sanitary Notice issued 6-26-00 to field # A1.
11. NO FACILITIES, ***DIRECT*** – Occupant: Coards Marsh Club, Chincoteague 23336. Owner: 5446 Tom Reed Road, Chincoteague. Dwelling - natural frame 1 story on pilings over marsh. No contact. Sanitary Notice issued 6-26-00 to field # A14.
13. CONTRIBUTES POLLUTION – Location: 5357 Cedar Lane, Chincoteague 23336. Dwelling - white vinyl sided 1 story with black shutters. No contact. Septic tank lid cracked. Sanitary Notice issued 3-9-00 to field # W78.
16. CONTRIBUTES POLLUTION – Location: 5471 Pine Street, Chincoteague 23336. Dwelling - green frame 3 story with dark green trim. No contact. Effluent from an enclosed outdoor shower drains through a 2" PVC pipe onto ground surface. Sanitary Notice issued 4-13-00 to field # W114.
19. CONTRIBUTES POLLUTION – Parks Market, 6739 Maddox Boulevard, Chincoteague 23336. Business - grocery store. 8 employees. Effluent erupting from septic tank and drainfield onto ground surface. Sanitary Notice issued 4-28-00 to field # W143.

20. CONTRIBUTES POLLUTION – Occupant: Famous Pizza Sub Shoppe and Family Restaurant, Maddox Boulevard, Chincoteague 23336. Owner: Maddox Boulevard, Chincoteague. Business - restaurant, general store, and beach shop. 5 employees. Unapproved plywood lid over pump station. Sanitary Notice issued 6-23-00 to field # W144.
25. CONTRIBUTES POLLUTION – Location: Martin Lane, Chincoteague 23336. Owners: 909 North Caroline Avenue, Southeast, Washington, DC 20003. There was no house onsite, just a septic tank. No contact. Sewage clean-out cap missing. Sanitary Notice issued 6-2-00 to field # B38.
26. CONTRIBUTES POLLUTION – Location: 5286 Deep Hole Road, Chincoteague 23336. Owners: 819 Fulton Avenue, Falls Church 22046. Dwelling - white frame 2 story. No contact. Cesspool lid cracked. Sanitary Notice issued 6-2-00 to field # B47.
28. CONTRIBUTES POLLUTION – Location: 5357 Deep Hole Road, Chincoteague 23336. Dwelling - blue-gray aluminum sided 2 story. No contact. Cesspool covered with wooden boards. Sanitary Notice issued 9-8-00 to field # B191.
31. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Occupant: Pine Grove Campground, 5283 Deep Hole Road, Chincoteague 23336. Owners: PO Box 8, Chincoteague. Public - gray cement block 1 story bathhouse for campers. Outside utility sink drain pipe broken at joint along with vent pipe. Sanitary Notice issued 10-6-00 to field # B270.
33. CONTRIBUTES POLLUTION – Location: 6167 Taylor Street, Chincoteague 23336. Owner: PO Box 115, Chincoteague. Business - red cement block 1 story. No contact. Septic tank lid missing, exposing contents 40' from ditch at 2' elevation. Sanitary Notice issued 12-1-00 to field # B365.
34. CONTRIBUTES POLLUTION – Occupant: Holiday Cottages, Lot # K117, Chincoteague 23336. Owners: 6113 Taylor Street, Chincoteague. Business - rental cottages. 1 employee. Septic tank lid cracked, exposing contents 20' from street gutter at 1' elevation. Sanitary Notice issued 12-1-00 to field # B368.
38. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Beach Road Motel, 6151 Maddox Boulevard, Chincoteague 23336. Business - brick 1 story office with green trim. No contact. Kitchen or laundry wastes discharge through a 2" blue flexible pipe from underneath office onto ground surface. Sanitary Notice issued 12-19-00 to field # H477.
39. CONTRIBUTES POLLUTION – Location: 6108 Taylor Street, Chincoteague 23336. Dwelling - yellow vinyl sided 1½ story with white trim and green shutters. 2 persons. The area around the cesspool was wet with an algal mat present. Sanitary Notice issued 12-01-00 to field # H462.
41. CONTRIBUTES POLLUTION – Owner: 1953 Middlebridge Road, Middlebridge, MD 20906. Dwelling - green asphalt siding 1 story with white trim and a tan roof. No contact. Cesspool has no lid. Sanitary Notice issued 10-13-00 to field # W421.
44. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), **DIRECT** – Location: 5142 Duck Pond Lane, Chincoteague 23336. Dwelling - gray frame 1 story with white trim and black shutters. No contact. Kitchen or laundry wastes discharge through a 3" white PVC pipe into a ditch that drains directly to Chincoteague Bay. Sanitary Notice issued 04-28-00 to field # H121.

45. CONTRIBUTES POLLUTION, ***DIRECT*** – Location: 5161 Carter Lane, Chincoteague 23336. Owners: 5267 Main Street, Chincoteague. Dwelling - white trailer with black shutters. 3 persons. Cesspool erupting onto ground surface with considerable ponding underneath trailer. The trailer is 10' from the marsh. Sanitary Notice issued 4-28-00 to field # H118.
47. CONTRIBUTES POLLUTION – Location: 4471 Main Street, Chincoteague 23336. Owner: c/o Hudson Institute, 1015 18th Street, Northwest, Suite 200, Washington, DC 20036. Dwelling- natural frame and shingle 2 story with white trim. No contact. Septic tank lid cracked, exposing contents. Sanitary Notice issued 04-07-00 to field # H78.
48. CONTRIBUTES POLLUTION, ***DIRECT*** – Occupant: Island Motor Resort, 4391 Main Street, Chincoteague 23336. Owner: PO Box 957, Chincoteague. Business- 60 room hotel. 5 employees. Evidence of effluent overflowing from pump station onto ground surface and into a ditch that drains directly into Chincoteague Channel. Sanitary Notice issued 12-01-00 to field # H64.

POTENTIAL POLLUTION

12. Location: 5279 Cedar Lane, Chincoteague 23336. Dwelling - red frame 1 story with white trim. No contact. Drainfield under ponding storm water. No evidence of discharge at time of inspection.
14. Owner: 26 Sunfield Drive, Carolina Shores, Calabash, NC 28467. Dwelling- gray frame 1 story with dark gray and white trim. No contact. Drainfield under 5" of standing storm water. No evidence of discharge at time of inspection.
15. Location: 5310 Oak Street, Chincoteague 23336. Dwelling - gray frame 1 story with a screened porch. No contact. Drainfield under 5" of storm water. No evidence of discharge at time of inspection.
21. Location: Chincoteague 23336. Dwelling - tan vinyl sided 1 story with green shutters. 1 person. Occupant stated that septic system was sluggish during wet weather conditions. No evidence of discharge at time of inspection.
35. Location: 6113 Taylor Street, Chincoteague 23336. Business - light green asbestos sided 1 story vacation rental (holiday cottages # H114). 2 persons. Owners stated that a septic repair permit has been obtained from the Accomack County Health Department. The septic system at the cottage has been draining slowly. No evidence of discharge at time of inspection.
36. Mariner Motel, 6273 Maddox Boulevard, Chincoteague 23336. Business - 75 room motel. 5 employees. Maintenance man stated that septic system drains slowly during the summer. No evidence of discharge at time of inspection.
37. Location: 6189 Maddox Boulevard, Chincoteague 23336. Dwelling - white vinyl siding 1½ story with burgundy shutters and burgundy and white awnings. No contact. A 2" black pipe of undetermined origin was observed discharging a foreign substance onto the ground surface. No evidence of sewage was noted at time of inspection.
40. Location: 6144 Taylor Street, Chincoteague 23336. Dwelling - tan vinyl sided 1 story with brown trim. No contact. A 2" flexible pipe of undetermined origin was observed discharging a foreign substance onto the ground surface. No evidence of sewage was noted at time of inspection.

- 46. Location: Sturgis Lane, Chincoteague 23336. Dwelling - yellow vinyl sided 2 story. No contact. A 1" white PVC pipe of undetermined origin was observed exiting from underneath house. No evidence of discharge at time of inspection.
- 56. Location: 6201 Marsh Island Drive, Chincoteague 23336. Owner: Virginia Department of Transportation, Accomac 23301. Dwelling - white frame 1 story drawbridge station house. 5 employees. An employee stated that the toilets are slow to flush during high tides. No evidence of discharge at time of inspection.

SECTION C: NONSEWAGE WASTE SITES

INDUSTRIAL WASTES

- 27. ***DIRECT*** - Thomas E. Reed Seafood, Incorporated, 5450 Tom Reed Lane, Chincoteague 23336. Business - shellfish processor/shucker-packer (VA-150SP). 10 employees. Processing and washdown wastes discharge into Deep Hole Creek. Has General Permit # VAG523028 from the Department of Environmental Quality, Tidewater Regional Office (DEQ-TRO).
- 29. Gary Howard Seafood, 5315 Deep Hole Road, Chincoteague 23336. Business - shucker-packer (VA-22SP). 3 employees. Processing and washdown wastes discharge to an underground distribution system.
- 53. ***DIRECT*** – Occupant: Salty Kiss Shellfish Farm (Clamalot, Incorporated), 4161 Main Street, Chincoteague 23336. Owner: Ralph E. Watson Oyster Company, PO Box 26, Chincoteague. Business- shellstock shipper (VA-1120SS). 1 employee. Processing and washdown wastes discharge to Chincoteague Channel. Has General Permit # VAG523027 from DEQ-TRO.
- 53A. ***DIRECT*** – Chincoteague Fisheries CO-OP, 4147 Main Street, Chincoteague 23336. Business - finfish retailer. No contact. Washdown wastes from the dock discharge into Chincoteague Channel. Has General Permit # VAG523020 from DEQ-TRO.

SOLID WASTE DUMPSITES

- 32. Town of Chincoteague, c/o Keith Bull, Accomack County Administrator, PO Box 388, Accomac 23301. Public – solid waste dumpsite and recycling center. Observed onsite were 3 dumpsters for trash, 2 for glass, 1 for plastic, 4 for paper, and 1 for aluminum.

SECTION D: BOATING ACTIVITY

MARINAS

- 52. R & R Boat Rentals, 4183 Main Street, Chincoteague 23336. Owner: 207 North Main Street, Chincoteague. Private marina. No contact. 27 seasonal slips/moorings available. Present at time of survey were 17 pleasure boats under 26'. Boating services provided are fuel, electricity, and water. Containers are available for solid waste collection. Sanitary facilities provided are 1 vault privy for men and 1 vault privy for women. Sewage disposal is by a pump and haul contractor. Vault privies are used as portable toilet dump station facilities. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities at this location.

54. Don's Seafood Restaurant, 4113 Main Street, Chincoteague. Owner: 4313 Main Street, Chincoteague. Private marina. No contact. 6 seasonal slips/moorings available. Present at time of survey were 2 pleasure boats under 26' and 1 work boat over 26'; and in dry storage there was 1 pleasure boat under 26'. Boating services provided are electricity and water. Containers are available for solid waste collection. Owner has an exemption to the requirement to provide sanitary facilities, portable toilet dump station facilities and boat holding tank pump-out facilities at this location.

OTHER PLACES WHERE BOATS ARE MOORED

48. Island Motor Inn, 4391 Main Street, Chincoteague 23336. Owner: PO Box 957, Chincoteague. Private boat docking facility. No contact. 25 transient slips/moorings available. Present at time of survey was 1 work boat and 1 pleasure boat over 26'. The only boating service provided is electricity. Containers are available for solid waste collection. Portable toilet dump station facilities and boat holding tank pump-out facilities are provided. Owner has an exemption to the requirement to provide sanitary facilities at this location.
49. Barney's Campsite, 4291 Main Street, Chincoteague 23336. Private boat docking facility. No contact. 17 seasonal slips/moorings available. There were no boats present at time of survey. The only boating service provided is water. Containers are available for solid waste collection. Sanitary facilities provided are 2 commodes, 2 lavatories, 2 showers, and 1 urinal for men; and 2 commodes, 2 lavatories, and 2 showers for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities are provided. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities at this location.
50. Chincoteague Seafood Company, Incorporated, 4227 Main Street, Chincoteague 23336. Owner: Bernard Rubin, PO Box 21, Chincoteague. Private pier. No contact. 3 seasonal slips/moorings available. There were no boats present at time of survey. Containers are available for solid waste collection. Sanitary facilities provided are 1 commode, 1 lavatory, and 1 urinal for men; and 1 commode and 1 lavatory for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. There are no boating services, portable toilet dump station facilities or boat holding tank pump-out facilities provided at this location.
53. Ralph E. Watson Oyster Company, 4161 Main Street, Chincoteague 23336. Private boat docking facility. No contact. 6 seasonal slips/moorings available. Present at time of survey were 3 work boats under 26' and 1 work boat over 26'. Boating services provided are water and electricity. Containers are available for solid waste collection. Sanitary facilities provided are 1 vault privy. Sewage disposal is by pump and haul contractor. Vault privy is used as a portable toilet dump station. Boat holding tank pump-out facilities are not provided at this location.

UNDER SURVEILLANCE

51. Comfort Inn Suites, 4195 Main Street, Chincoteague 23336. Owner: PO Box 21, Chincoteague. Private boat docking facility. No contact. 10 seasonal slips/moorings available. There were no boats were present at time of survey. There are no boating services, containers for solid waste, sanitary facilities, portable toilet dump station facilities or boat holding tank pump-out facilities provided at this location.

55. Channel Square, Main Street (north side of drawbridge), Chincoteague 23336. Owners: 114 South Main Street, Chincoteague. No contact. Pier only. There were no boats present at time of survey. Containers are available for solid waste collection. There are no boating services, sanitary facilities, portable toilet dump station facilities or boat holding tank pump-out facilities at this location.
57. Marsh Island Condo, PO Box 385, Pocomoke City, MD 21851. Private marina. No contact. 5 moorings available. Present at time of survey were 2 pleasure boats under 26' and 2 work boats over 26'; and in dry storage there are 2 pleasure boats less than 26' and 1 work boat over 26'. Boating services provided are water and electricity. There are no containers available for solid waste collection, sanitary facilities, portable toilet dump station facilities or boat holding tank pump-out facilities at this location.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

17. **DIRECT** – Location: 5463 Woodland Drive, Chincoteague 23336. Dwelling- house trailer with blue t-111 siding and an addition. 2 persons. Present at time of survey were 6 horses with direct access to tidal waters. Manure disposal is unknown.
18. Location: 5401 Woodland Drive, Chincoteague 23336. Dwelling- large 1 story brick rancher. 2 persons. Present at time of survey were 2 horses in a fenced pasture 250' from tidal waters. Manure disposal is unknown.
22. **DIRECT** – Location: 5175 Chicken City Road, Chincoteague 23336. Owner: Circle Drive, Chincoteague. Dwelling- cream asbestos sided 1 story. No contact. Present at time of survey were approximately 100 chickens with access to a marsh pond. Manure disposal is unknown.
23. **DIRECT** – Location: 5161 Chicken City Road, Chincoteague 23336. Dwelling- cream frame 1 story. No contact. Present at time of survey were 25 goats, numerous ducks and geese, and 1 horse with access to a marsh pond. Manure disposal is unknown.
24. Location: 6158 Martin Lane, Chincoteague 23336. Owner: PO Box 733, Chincoteague. Dwelling- brown frame 1½ story. 2 persons. Present at time of survey were 4 horses in a fenced pasture 20' from Little Oyster Bay. Manure is left on the ground.
30. Occupant: Pine Grove Campground, 5283 Deep Hole Road, Chincoteague 23336. Donald and Wanda Thornton, PO Box 8, Chincoteague. No contact. Present at time of survey were approximately 50 ducks and geese in a pond with no outlet. Waste disposal is unknown.
43. **DIRECT** - Location: 6180 Leonard Lane, Chincoteague 23336. Dwelling- brown frame 2 story. No contact. Present at time of survey were 5 horses, 15 ducks, and 6 chickens all with direct access to tidal waters.

SUMMARY

Area # 102 (formerly called Area # 101A)
Assateague Channel and Oyster Bay (formerly called Chincoteague and Assateague Islands
North of Route 2113
28 February 2001

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT WORKS

- 1 – DIRECT – #51
- 1 – INDIRECT – #42
- 2 – B.1. TOTAL

2. ONSITE SEWAGE DEFICIENCIES – Correction of deficiencies in this section is the responsibility of the local health department.

- 7 – CONTRIBUTES POLLUTION, DIRECT – # 4, 5, 6, 8, 9, 45, 48
- 12 – CONTRIBUTES POLLUTION, INDIRECT – # 13, 16, 19, 20, 25, 26, 28, 33, 34, 39, 41, 47
- 1 – CP (Kitchen or Laundry Wastes), DIRECT – # 44
- 2 – CP (Kitchen or Laundry Wastes), INDIRECT – # 31, 38
- 6 – NO FACILITIES, DIRECT – # 1, 2, 3, 7, 10, 11
- 0 – NO FACILITIES, INDIRECT – None
- 28 – B.2. TOTAL

3. POTENTIAL POLLUTION

- 10 – POTENTIAL POLLUTION – # 12, 14, 15, 21, 35, 36, 37, 40, 46, 56

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

- 3 - DIRECT - #27, 53, 53A
- 1 - INDIRECT - #29
- 4 - C.1. TOTAL

2. SOLID WASTE DUMPSITES

- 0 – DIRECT – None
- 1 – INDIRECT – # 32
- 1 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

- 2 – MARINAS – # 52, 54
- 4 – OTHER PLACES WHERE BOATS ARE MOORED – # 48, 49, 50, 53
- 3 – UNDER SURVEILLANCE – # 51, 55, 57
- 9 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

- 4 – DIRECT – # 17, 22, 23, 43
- 3 – INDIRECT – # 18, 24, 30
- 7 – E. TOTAL

Virginia Department of Health
Division of Shellfish Sanitation

Assateague Channel
and Oyster Bay
102
Shoreline Sanitary Survey

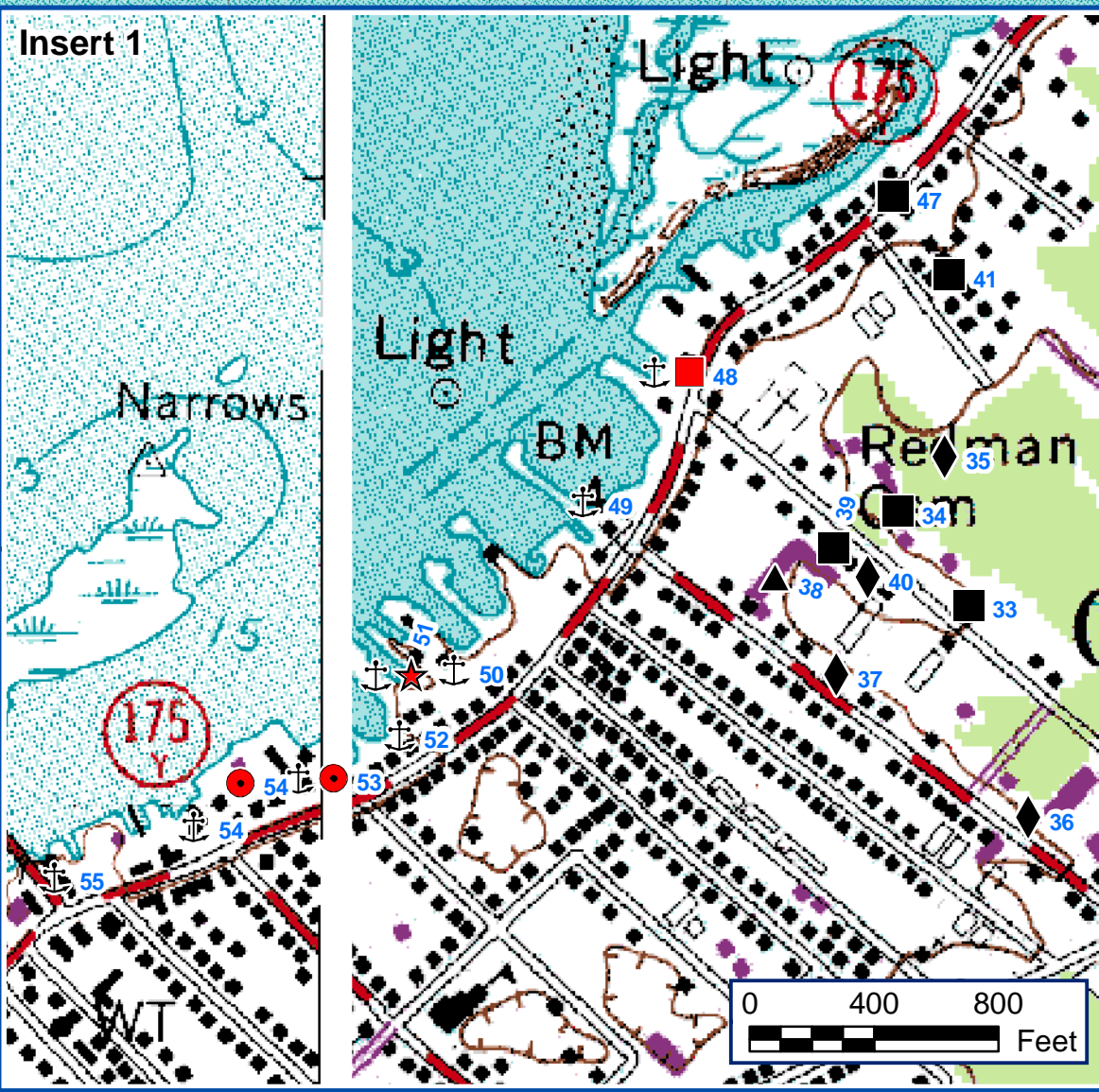
Accomack County

Date: 28 February 2001
Survey By: R.S. Bisker, J.W. Hume
& P.H. Widgen
Number of Properties Surveyed: 1241



0 500 1,000 2,000
Yards

Insert 1



- Legend**
- Seawater Sampling Stations**
- Active (yellow star)
 - Inactive (grey star)
- Shoreline Survey Deficiencies**
- Star: Sewage Treatment Facility - Direct
 - Star: Sewage Treatment Facility - Indirect
 - Red square: Contributes Pollution - Direct
 - Red square: Contributes Pollution - Indirect
 - Red triangle: Contributes Pollution (Kitchen or Laundry wastes) - Direct
 - Red triangle: Contributes Pollution (Kitchen or Laundry wastes) - Indirect
 - Red circle: No Facilities - Direct
 - Red circle: No Facilities - Indirect
 - Black circle: Potential Pollution
 - Red circle: Industrial Wastes - Direct
 - Red circle: Industrial Wastes - Indirect
 - Red circle: Solid Waste Dumpsite - Direct
 - Red circle: Solid Waste Dumpsite - Indirect
 - Black circle: Boating Activity
 - Red circle: Contributes Animal Pollution - Direct
 - Red circle: Contributes Animal Pollution - Indirect

Geographic coordinates in NAD83 datum;
shown in degrees, minutes & seconds.